



## HomeConnect® Three-way MoCA Splitter, 5–1675 MHz

- Engineered to deliver maximum RF performance within the operating frequency band
- The raised body allows moisture to drain behind the unit and uses a priority plating for use in harsh environments
- Includes zinc die cast body with a soldered back plate for superior RF shielding
- The machined “F” ports -with an innovative four-sided contact- provide excellent retention and electrical performance

## Product Classification

<b>Brand</b>	HomeConnect®
<b>Product Type</b>	Coaxial splitter

## Environmental Specifications

<b>Grounding and Bonding Standard</b>	UL 467 Ground Clamp Communication
<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Safety Standard</b>	SCTE

## Electrical Specifications Isolation

<b>Isolation at Frequency Band, output to output, maximum</b>	30 dB @ 1125–1675 MHz
<b>Isolation at Frequency Band, output to output, minimum</b>	20 dB @ 1002–1125 MHz   25 dB @ 85–1002 MHz   25.0 dB @ 5–10 MHz   35 dB @ 10–85 MHz

## Electrical Specifications

<b>Power Passing</b>	No
<b>Impedance</b>	75 ohm
<b>Insertion Loss at Frequency Band, port 1, maximum</b>	3.7 dB @ 5–400 MHz   4.7 dB @ 400–1218 MHz   6.7 dB @ 1218–1675 MHz
<b>Insertion Loss at Frequency Band, port 2, maximum</b>	11.5 dB @ 600–1675 MHz   7.5 dB @ 5–400 MHz   8.5 dB @ 400–600 MHz
<b>Operating Frequency Band</b>	5 – 1675 MHz
<b>Return Loss at Frequency Band, input, minimum</b>	15 dB @ 1002–1125 MHz   18 dB @ 5–1002 MHz   5 dB @ 1218–1675 MHz
<b>Return Loss at Frequency Band, output, minimum</b>	15 dB @ 1002–1218 MHz   18 dB @ 5–1002 MHz   5 dB @ 1218–1675 MHz
<b>Designation, port 1</b>	4.0 dB
<b>Designation, port 2</b>	7.5 dB
<b>Frequency Response</b>	±0.4 dB @ 5–1218 MHz   ±1.4 dB @ 1218–1675 MHz
<b>Spurious Signals/2nd Order Harmonics, before surge</b>	<-100 dBc
<b>Shielding Effectiveness, minimum</b>	120 dB
<b>Surge Capability Test Method</b>	IEEE C62.41.1991-B3 (6 kV, 3000 A, Combination wave) on input

port | IEEE C62.41.1991-B3 (6 kV, 500 A, Combination wave) on output port

## General Specifications

<b>Device Type</b>	Splitter
<b>Mounting</b>	Horizontal
<b>Video Ports, quantity</b>	3
<b>Application</b>	Indoor   Outdoor

## Packed Dimensions

<b>Carton Quantity</b>	300
<b>Height</b>	195.00 mm   7.68 in
<b>Length</b>	525.00 mm   20.67 in
<b>Width</b>	360.00 mm   14.17 in
<b>Shipping Weight</b>	25.00 kg   55.12 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CE	
RoHS 2011/65/EU	

